

Running the AWS Code Build

Task-1:

Create a Git repository named buildspectest and upload the code to it.

Task-2:

Access AWS Console and select Code pipeline. Select code build

Expand code build and select build projects. Click on create project

Give the project name as sample-java-build

Project type leave as default project

Under source click on add source. Select GitHub

Repository select repository in my GitHub account

Now access your github and copy paste the repository URL of buildspectest

Remove other sources by clicking remove on right corner

Scroll down to environment tab.

Leave the provisioning model as on-demand

Under environment image select managed image.

Under compute leave EC2 and under running mode leave container

Select OS as ubuntu

Runtime select as standard

Image select from the drop down as aws/codebuild/standard5.0

For image version- always use the latest image to be selected

Under service role, select new service role and name as codebuildrole

Scroll to buildspectest

Under buildspecifications select use a buildspec file as we have one in our repository

Buildspec name is optional. You can give as buildspectest.yml

Scroll down to artifacts tab and in the type field select Amazon S3

In bucket name field, hover the cursor in the field and take the existing one

In the name field enter as output. This is where your .jar file will be stored after the build

Scroll down and click on create build project

Now select start build

The console shows you live logs as the build runs

Task-3:

Check logs tab for output. It guides to cloudwatch page

Select log groups from the left navigation pane and select the log group created

Scroll down in the same log group page and select log stream ID atlast

You can view the logs here

Go to S3 bucket you have selected earlier to find .jar file inside the target/folder

Finally delete all the resources.